



APPROVAL ONLY:
NOT FOR CONSTRUCTION

- NOTES:**
1. Minimum 28-Day Concrete Compressive Strength shall be 4000 psi.
 2. Overlap Length shall be measured from last crosswire.
 3. Dimensions shown are for form system "A".
 4. Minimum yield strength for welded wire fabric shall be 65,000 psi.
 5. Reinforcing shall be limited to a maximum of three layers of reinforcing (WWF or bars) per area (A1, A2, A3 or A4).
 6. All edges of Precast to have a 3/4" chamfer.
 7. Spacing of longitudinal reinforcement must be a maximum of 8" o.c. For multiple layers of mesh, only the outer most layer (A1a or A3a) must be a maximum of 8" o.c.

Weight of Required Reinforcement = 112 lbs/ft

Sheet no.	Circumferential Area Req'd (in ² /ft)	Longitudinal Area Req'd (in ² /ft)	Mesh Size	Length (ft)	Circumferential Area Supl'd (in ² /ft)	Longitudinal Area Supl'd (in ² /ft)
1	A1 = 0.54	0.13	2x6 W10xW6.5	12'-0"	0.60	0.13
2	A2 = 0.24	0.13	4x6 W8xW6.5	11'-7"	0.24	0.13
3	A3 = 0.42	0.13	4x6 W8xW6.5 + #4 @ 12" circ.	14'-6"	0.44	0.13
4	A4 = 0.24	0.13	4x6 W8xW6.5	8'-0"	0.24	0.13
5						
6						
7						

Design Loading: HS25-44

Cover = 2'-0" min. \ 6'-0" max.

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Revisions:	Date				
	No.	1	2	3	4

Sheet Title:
PRECAST UNIT REINFORCEMENT
SHOP DRAWING

VERMONT

MONTPELIER

BUELS GORE

Des. By: KJG Job No. 14688

Drawn By: WLC Sheet No.

Chk'd By: MRW **S2**

Date: 8/25/06 039